

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 06275-0474US1	Application No. 10/551,783
	Applicant Bonnert et al.			
	Filing Date July 7, 2006		Group Art Unit 1625	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	3,985,779	10/12/1976	Tanaka et al.			
	2	4,234,742	11/18/1980	Cognacq et al.			
	3	4,248,618	02/03/1981	Serban et al.			
	4	5,411,972	05/02/1995	Komoto et al.			
	5	5,532,371	07/02/1996	Komoto et al.			
	6	6,150,413	11/21/2000	Bernardon et al.			
	7	7,056,942	06/06/2006	Hildesheim et al.			
	8	7,067,507	06/27/2006	Pullet et al.			
	9	7,737,135	06/15/2010	Luker et al.			
	10	2004-0097555	05/20/2004	Ohkawa et al.			
	11	2010-0160285	06/24/2010	Luker et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	12	EP 0006789	01/09/1980	Europe			English language equivalent US 4234742 attached	
	13	EP 0455058	11/06/1991	Europe				
	14	EP 0622816	11/02/1994	Europe				
	15	GB 690816	04/29/1953	Great Britain				
	16	JP2006-521382	09/21/2006	Japan			Abstract attached	
	17	JP2006-522117	09/28/2006	Japan			Abstract attached	
	18	WO 93/12086	06/24/1993	WIPO			Abstract	
	19	WO 98/03164	01/29/1998	WIPO				
	20	WO 03/097042	11/27/2003	WIPO			Abstract	
	21	WO 03/097598	11/27/2003	WIPO			Abstract	

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	22	AstraZeneca AB: WO03066046 & WO03066047, "The use of indole-3-acetic acids as CRTH2 receptor antagonists", <i>Expert Opin. Ther. Patents</i> 14(1):125-128 (2004)
	23	Berhenke et al., "Some Aryloxyaliphatic Acids", <i>Journal of the American Chemical Society</i> 73:4458 (1951)
	24	Burger, "Isosterism and bioisosterism in drug design", in <i>Progress in Drug Research</i> 287-328 (Ernst Jucker, ed., Birkhauser Verlag, 1991)
	25	Chemical abstract 123:213132 in CAS (or JP07140725), 1995
	26	Chemical abstract 123:22081 in CAS (or EP622690), 1995
	27	Chemical abstract 116:123167 in CAS (or EP455058), 1992
	28	Chemical abstract 85:56485 in CAS or Parli et al., "The relation between the metabolism of 2,4-dichloro-6-phenylphenoxyethylamine (DPEA) and related compounds and their activities as microsomal mono-oxygenase inhibitors", <i>Drug Metabolism and Disposition</i> 1(4):628-33 (1973)
	29	Chemical abstract 69:93942 in CAS or Cheng et al., "Phenylphenol derivatives with biological activity. III. Fungistatic activity of phenylphenol derivatives", <i>Agricultural and Biological Chemistry</i> 32(9):1162-74 (1968)
	30	Chemical abstract 49:86470 in CAS or Mel'nikov et al., "Structure and physiological activity of alkyl- and aryl-phenoxyacetic acids and their derivatives", <i>Fiziologiya Rastenii</i> 2:267-70 (1955)
	31	Chemical abstract 35:37645 in CAS or Hazlet et al., "The Bromination of 2-Phenylphenyl Acetate", <i>Journal of the American Chemical Society</i> 63:1890-2 (1941)
	32	Coxworth, "Synthesis of Chlorinated 2-(3-Benzofuranyl)Phenols", <i>Canadian Journal of Chemistry</i> 44:1092-1096 (1966)
	33	"DialogWeb Records", <a href="http://www.dialogweb.com/cgi/document?req=1284661379410">http://www.dialogweb.com/cgi/document?req=1284661379410</a> , accessed 16 September 2010
	34	Ebenazar et al., "Prostaglandins in the patent literature", <i>Expert Opin. Ther. Patents</i> 17(9):1131-1145 (2007)
	35	Manske et al., "Synthesis and Reactions of Some Dibenzoxepins", <i>Journal of American Chemical Society</i> 72:4797-4799 (1950)
	36	Ono Pharm. Co. Ltd: WO03022813 & WO03022814, "The use of prostaglandin D <sub>2</sub> receptor antagonists to treat allergic rhinitis", <i>Expert Opin. Ther. Patents</i> 13(10):1657-1661 (2003)
	37	Patani et al., "Bioisosterism: A Rational Approach in Drug Design", <i>Chem. Rev.</i> 96:3147-3176 (1996)
	38	Ueda et al., "The Synthesis of 10-(4-Methylpiperazino)dibenzo[b,f] thiepin and Related Compounds. Neurotropic and Psychotropic Agents", <i>Chem. Pharm. Bull.</i> 23(10):2223-2231 (1975)
	39	Wermuth, "Molecular Variations Based on Isosteric Replacements", <i>The Practice of Medicinal Chemistry</i> , 1996, chapter 13, pages 203-237
	40	Preventing Asthma Symptoms [online] [retrieved on 2010-04-23 from the internet] URL: <a href="http://www.webmd.com/asthma/guide/asthma-prevention">http://www.webmd.com/asthma/guide/asthma-prevention</a>

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	41	Allergic Rhinitis - Prevention [online] [retrieved on 2010-04-23 from the internet] URL: <a href="http://www.webmd.com/allergies/tc/allergic-rhinitis-prevention">http://www.webmd.com/allergies/tc/allergic-rhinitis-prevention</a>
	42	COPD Treatments: Improving Your Quality of Life [online] [retrieved on 2010-04-23 from the internet] URL: <a href="http://www.webmd.com/lung/copd/copd-treatments-improving-your-quality-of-life">http://www.webmd.com/lung/copd/copd-treatments-improving-your-quality-of-life</a>
	43	Database Beilstein chemical extract accession no. 6722243, 01-2010.
	44	Database Beilstein chemical extract accession no. 6722682, 01-2010.
	45	Database Beilstein chemical extract accession no. 3532059, 01-2010.
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	47	Database Beilstein chemical extract accession no. 2537173, 01-2010.
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	51	FISH & RICHARDSON P.C., RCE and IDS in Reply to Notice of Allowance of January 28, 2010 in U.S. App. Ser. No. 10/569,065, filed 3/31/2010, 5 pages
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	54	U.S. EXAMINER SHAWQUIA YOUNG, USPTO Notice of Allowance in U.S. App. Ser. No. 10/569,065, mailed 09/01/2010, 9 pages
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	57	FISH & RICHARDSON P.C., RCE and IDS in Reply to Notice of Allowance of December 2, 2010 in U.S. App. Ser. No. 10/569,065, filed 2/15/2011, 5 pages
	58	U.S. EXAMINER PAUL A. ZUCKER, USPTO Office Action in U.S. App. Ser. No. 11/571,707, mailed 03/12/2010, 16 pages
	59	FISH & RICHARDSON P.C., Amendment in Reply to Action of March 12, 2010 in U.S. App. Ser. No. 11/571,707, filed 9/3/2010, 14 pages
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	61	FISH & RICHARDSON P.C., Response to Notice of Allowance of November 22, 2010 in U.S. App. Ser. No. 11/571,707, filed 2/18/2011, 12 pages
	62	U.S. EXAMINER YONG LIANG CHU, USPTO Notice of Allowance in U.S. App. Ser. No. 11/574,076, mailed 02/03/2010, 12 pages

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	63	FISH & RICHARDSON P.C., Response to Notice of Allowance of February 3, 2010 in U.S. App. Ser. No. 11/574,076, filed 4/30/2010, 2 pages
	64	U.S. EXAMINER SAMANTHA L. SHTERENGARTS, USPTO Final Office Action in U.S. App. Ser. No. 11/576,372, mailed 05/07/2010, 7 pages
	65	FISH & RICHARDSON P.C., Reply to Action of May 7, 2010 in U.S. App. Ser. No. 11/576,372, filed 8/9/2010, 10 pages
	66	U.S. EXAMINER SAMANTHA L. SHTERENGARTS, USPTO Office Action in U.S. App. Ser. No. 11/576,372, mailed 09/02/2010, 7 pages
	67	FISH & RICHARDSON P.C., RCE, IDS and Amendment in Reply to Action of September 2, 2010 in U.S. App. Ser. No. 11/576,372, filed 12/2/2010, 16 pages
	68	U.S. EXAMINER NOBLE E. JARRELL, USPTO Office Action in U.S. App. Ser. No. 11/719,832, mailed 04/30/2010, 20 pages
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	74	U.S. EXAMINER FIONA POWERS, USPTO Notice of Allowance in U.S. App. Ser. No. 12/089,276, mailed 04/21/2010, 11 pages
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	77	FISH & RICHARDSON P.C., RCE and IDS in Reply to Notice of Allowance of September 21, 2010 in U.S. App. Ser. No. 12/089,276, filed 12/20/2010, 6 pages
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	80	U.S. EXAMINER ERICH A. LEESER, USPTO Final Office Action in U.S. App. Ser. No. 12/092,431, mailed 05/04/2010, 13 pages
	81	FISH & RICHARDSON P.C., RCE, IDS and Amendment in Reply to Action of May 4, 2010 in U.S. App. Ser. No. 12/092,431, filed 9/7/2010, 16 pages
	82	U.S. EXAMINER VALERIE RODRIGUEZ-GARCIA, USPTO Final Office Action in U.S. App. Ser. No. 12/167,513, mailed 04/22/2010, 22 pages

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	83	FISH & RICHARDSON P.C., Amendment in Reply to Action of April 22, 2010 in U.S. App. Ser. No. 12/167,513, filed 10/22/2010, 22 pages

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